

AUTOMATED SYSTEM SPECIALIST

Department of Public Works – Water Works

The eligible list resulting from this examination may be used to fill similar City of Milwaukee positions.

PURPOSE of this position is to program, maintain and troubleshoot the Water Works automation systems from the Human Machine Interface (HMI) through the Programmable Logic Controllers (PLCs), Programmable Automation Controller (PAC), and down to the device level. This position is responsible for documentation as it relates to the Automations system, and providing user technical support and training.

ESSENTIAL FUNCTIONS:

- Program, maintain and troubleshoot all aspects of the Water Works Supervisory Control and Data Acquisition (SCADAC) and Automation systems.
- Configure new and replacement hardware.
- Implement control strategies per the Plant Automation Manager.
- Monitor hardware and software performance.
- Utilize specialty softwares (Rockwell: RSLogix 5000, RSLogix 500, RSLogix 5, RSLinx, Panelbuilder, RSVIEW SE) and proprietary and vendor softwares.
- Maintain system documentation and update and maintain vendor software.
- Provide input to engineering and plant staff for expansion of SCADA/Automation systems.
- Utilize knowledge of system to continually implement improvements and expansions.
- Provide user technical support and training to the Electrical and Instrumentation staff.
- Provide after hour emergency support and troubleshooting by responding to calls, reporting to work as needed, and working extended hours as needed to maintain Water Works Systems.
- Provide “on-call” support for emergency and off-hour problems.
- Perform other related duties as assigned.

Reasonable accommodations requested by qualified individuals with disabilities will be made in accordance with the Americans with Disabilities Act (ADA) of 1990.

MINIMUM REQUIREMENTS:

1. Bachelor degree in Electrical Engineering from a college approved by the Accreditation Board for Engineering and Technology (ABET), or Computer Programming, or a closely related field from an accredited college or university. **NOTE: Copies of transcripts should be submitted with application or sent to the City of Milwaukee, Department of Employee Relations, Attention: Katrina Whittle, 200 E. Wells St, Room 706, Milwaukee, WI 53202 - OR send via email to staffinginfo@milwaukee.gov. (Student copies are acceptable.)**
 2. One year of experience in PLC/PAC programming, including coursework in the intricacies of SCADA/control systems.
 3. Valid driver's license at time of appointment and throughout employment.
 4. Residency in the City of Milwaukee within six months of appointment and throughout employment.
- Equivalent combinations of education and experience may also be considered.***

KNOWLEDGE, SKILLS, & ABILITIES REQUIRED:

- Excellent oral and written communications skills, including the ability to convey technical information clearly.
- Ability to identify changes in technology that would improve service or efficiencies.
- Analysis and problem-solving skills.

Automated System Specialist (DPW-Water)

- Interpersonal skills including a commitment to customer services and the ability work with a variety of people.
- Good judgment and the ability to make independent decisions.
- Competency in the use of computer related control systems.
- Ability to prioritize, organize, and accomplish work.
- Attention to detail.

CURRENT PAY RANGE (598) IS: \$55,374 - \$67,258 annually with excellent benefits.

THE SELECTION PROCESS will be job related and will consist of one or more of the following: education and experience evaluation; written, oral or performance tests; or other assessment methods. The Department of Employee Relations reserves the right to call only the most qualified candidates to oral and performance examinations. Oral examinations may include written exercises. Selection process component weights will be determined by further analysis of the job.

The examination will be held as soon as practical after **June 30, 2011**. Receipt of applications may be discontinued after this date without prior notice. However, recruitment may continue until the needs of the city have been met. Qualified applicants will be notified by mail of the date, time, and place of the examination.

APPLICATIONS and further information can be obtained in person or via mail from City of Milwaukee Department of Employee Relations, 200 E Wells St, Room 706, Milwaukee, WI 53202-3554, from www.milwaukee.gov/jobs, or by calling (414) 286-3751.